

BB : Black Board LESSON PLAN

Period	Date (Tentative)	Topic	Unit No.	Teaching Methodology	Remarks	Corrective Action Job Review
(1)	18/03/14	Introduction to two port network analysis	1	BB		
(2)	19/03/14	Exact analysis of CE, CB	1	BB	01000A)	
(3)	19/03/14	problem solving on Exact analysis	1	BB		
(4)	20/3/14	Simplified CE, CC Models	1	BB		
(5)	24/3/14	Simplified CC Model problem solving	1	BB		
(6)	25/3/14	problem solving on Simplified Models	1	BB		
(7)	26/3/14	CE with emitter resistor, problem solving	1	BB		
(8)	26/3/14	Millers theorem application	1	BB		
(9)	27/3/14	duality problem solving	1	BB		
(10)	01/04/14	FET biasing types	1	BB		
(11)	02/04/14	FET small signal Model Cs amp.	1	BB		
(12)	02/04/14	CD amplifier FET as voltage variable Resistor	1	BB		
(13)	03/04/14	Cascading multistage amp.	4	BB		
(14)	7/04/14	Choice of conf. in multistage amp	4	BB		
(15)	8/04/14	Darlington pair	4	BB		
(16)	9/04/14	Cascode amplifier	4	BB		
(17)	9/04/14	RC coupled amplifier	4	BB		
(18)	10/04/14	Direct coupled transformer coupled amp	4	BB		

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Period	Date (Tentative)	Topic	Unit No.	Teaching Methodology	Remarks	Corrective Action Upon Review
(19)	14/4/14	Two stage RC coupled JFET amp's	2	BB		
(20)	15/4/14	CD amplifier, Difference amp.	4	BB		
(21)	14/4/14	Problem solving	4	BB		
(22)	16/4/14	Problem solving	4	BB		
(23)	17/4/14	Classification of amp feedback	2	BB		
(24)	21/4/14	Transfer gain with feedback	2	BB		
(25)	22/4/14	Problem solving	2	BB		
(26)	28/4/14	Concept of negative feedback	2	BB		
(27)	23/4/14	Problem solving	2	BB		
(28)	24/4/14	Effect of feedback on R_i , R_o , problem sol.	2	BB		
(29)	28/4/14	Method of analysis voltage divider, voltage series	2	BB		
(30)	24/4/14	Current series voltage feedback problem solving	2	BB		
(31)	30/4/14	Transfer Ch. analysis, problem sol.	2	BB		
(32)	30/4/14	Problem solving	2	BB		
33	1/6/14	Condition for oscillations, RC phase shift	3	BB		
34	3/6/14	Derivation of freq. of oscillation	3	BB		
35	4/6/14	For oscillators problem sol & way	3	BB		
(36)	4/6/14	Hartley & Colpitts oscillation	3	BB		

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Period	Date (Tentative)	Topic	Unit No.	Teaching Methodology	Remarks	Corrective Action Upon Review
(37)	5/6/14	Wien bridge & crystal oscillator	3	BB		
(38)	6/6/14	Pos. stability and negative feedback oscillators	3	BB		
(39)	11/6/14	Neg. pos. oscillators problem solving	3	BB		
(40)	6/6/14	Introduction to voltage-regul. characteristics	8	BB		
(41)	17/6/14	Types of regulator circuit, errors, reg. transfer, stress reg.	8	BB		
(42)	18/6/14	Transistor series reg.	8	BB		
(43)	18/6/14	overvoltage & protection	8	BB		
(44)	19/6/14	DC regulators	8	BB		
(45)	23/6/14	Dist. reduction to power amp.	6	BB		
(46)	24/6/14	Class A, harmonic analysis problem	6	BB		
(47)	25/6/14	High order harmonic distortion	6	BB		
(48)		Transformer coupled audio amp				
(49)	25/6/14	push pull, comp. sym. amp, push pull Class-A amp	6	BB		
(50)	26/6/14	Class AB, Comp. Sym. class B, push pull efficiency calculation	6	BB		
(51)	26/6/14	Class D, class E MOSFET power amp	6	BB		

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(51)	1/3/14	Thermal stability problem solving	6	BB		
(52)	2/7/14	Introd ⁿ to hrgen freq.	5	BB		
(53)	2/7/14	Analysis of Transistor Hybrid π Model for CE analysis & problem solving	5	BB		
(54)	3/7/14	π -conductances, capacitances, validity of π model	5	BB		
(55)	7/7/14	Variation of hybrid parameters problem solving	5	BB		
(56)	8/7/14	CE short ckt current gain calculation, problem solving	5	BB		
(57)	9/7/14	Current gain with resistive load calculation	5	BB		
(58)	9/7/14	problem solving	5	BB		
(59)	10/7/14	single stage CE transistor amplifier	5	BB		
(60)	14/7/14	Gain & power product - analysis & problem solving	5	BB		
(61)	15/7/14	Emitter follower at high frequency problem solving	5	BB		

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Period	Date (Tentative)	Topic	Unit No.	Teaching Methodology	Remarks	Corrective Act Upon Review
(65)	16/5/14	Introduction to theory of amplifier & BJT characteristics variation	7	BB		
(66)	17/5/14	Q-factor analysis, capacitance & frequency response analysis	7	BB		
(67)	17/5/14	Effect of cascading single tuned amplifier analysis & problem solving	7	BB		
(68)	21/5/14	Double tuned amplifier analysis	7	BB		
69	22/5/14	Effect of cascading double tuned amplifiers	7	BB		
(70)	23/5/14	Problem solving BJT problems	7	BB		
(71)	23/5/14	Effect of double tuned amplifiers	7	BB		
(72)	24/5/14	Concept of stagger tuned amplifiers	7	BB		
(73)	26/5/14	Analysis & problem solving	7	BB		
(74)	29/5/14	Stability analysis	7	BB		

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Period	Date (Tentative)	Topic	Unit No.	Teaching Methodology	Remarks	Corrective Action Upon Review
(75)	30/3/14	Problem solving.	7	BB		
(76)	31/3/14	Problem Solving from previous yr 9 papers	7	BB		

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